

What is claimed is:

1 1. A system comprising:

2 a blade device; and

3 chassis management logic, the chassis management logic to determine whether one or
4 more capabilities associated with the blade device match a capability policy.

1 2. The system of claim 1, further comprising:

2 a data communication pathway coupled to the blade device and to the chassis
3 management logic.

4 3. The system of claim 1, wherein:

5 the chassis management logic is further to isolate the blade device from a computing
6 domain responsive to determining that the blade device capabilities do not match the
7 capability policy.

1 4. The system of claim 1, further comprising:

2 a plurality of blade devices;

3 wherein each of the plurality of blade devices is coupled to the data communication
4 pathway; and

1 wherein the chassis management logic is further to determine, for at least one of the
2 plurality of blade devices, whether blade capabilities associated with the at least one blade
3 device match the capability policy.

1 5. The system of claim 4, wherein:

2 the chassis management logic is further to isolate from the computing domain any of the
3 plurality of blade devices whose associated capabilities do not match the capability policy.

1 6. The system of claim 1, wherein:

2 the chassis management logic is further to determine whether the blade device is trusted.

1 7. The system of claim 1, further comprising:

2 a baseboard memory controller, wherein the baseboard memory controller is to control
3 communication between the blade device and the chassis management logic.

1 8. The system of claim 1, wherein:

2 the blade device includes logic to perform boot processing.

1 9. The system of claim 8, wherein:

2 the chassis management logic is further to generate a failure indicator value responsive to
3 determining that the blade device capabilities do not match the capability policy; and
4 the blade device is to, responsive to the failure indicator value, terminate the boot
5 processing.

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1 10. The system of claim 1, further comprising:

2 a chassis to receive the blade device.

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1 11. A method comprising:

2 determining if one or more capabilities associated with a blade device match a capability
3 policy; and

4 if the blade device capabilities do not match the capability policy, isolating the blade
5 device from a computing domain.

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1 12. The method of claim 11, further comprising:

2 challenging the blade device to provide a response; and

3 if the blade device does not provide the response, isolating the blade device from the
4 computing domain.

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1 13. The method of claim 11, wherein determining further comprises:

accessing a capability record associated with the blade.

14. The method of claim 11, further comprising:

maintaining in a central repository a plurality of capability records, each capability record being associated with one of a plurality of blade devices.

15. The method of claim 12, wherein challenging further comprises:

encrypting a challenge value using a public key value; and
providing the encrypted challenge value to the blade device.

16. The method of claim 11, further comprising:

maintaining in a central repository a plurality of public key values, each of the public key values corresponding to one of a plurality of blade devices.

17. An article comprising:

a machine-readable storage medium having a plurality of machine accessible instructions, which if executed by a machine, cause the machine to perform operations comprising:

registering one or more capabilities with a central repository;

determining if one or more capabilities associated with a blade device match a capability policy; and

7 if the blade device capabilities do not match the capability policy, isolating the blade
8 device from a computing domain.

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1 18. The article of claim 17, further comprising:

2 a plurality of machine accessible instructions, which if executed by a machine, cause the
3 machine to perform operations comprising:

4 challenging the blade device to provide a response; and

5 if the blade device does not provide the response, isolating the blade device from the
6 computing domain.

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1 19. The article of claim 17, wherein:

2 the instructions that cause the machine to determine if one or more capabilities associated
3 with a blade device match a capability policy further comprise instructions that cause the
4 machine to access a capability record associated with the blade.

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1 20. The article of claim 17, further comprising:

2 a plurality of machine accessible instructions, which if executed by a machine, cause
3 the machine to perform operations comprising:

4 maintaining in a central repository a plurality of capability records, each
5 capability record being associated with one of a plurality of blade devices.

1 21. The article of claim 18, wherein:

2 the instructions that cause the machine to challenge further comprise instructions that
3 cause the machine to :

4 encrypt a challenge value using a public key value; and

5 provide the encrypted challenge value to the blade device.

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1 22. The article of claim 17, further comprising:

2 a plurality of machine accessible instructions, which if executed by a machine, cause the
3 machine to perform operations comprising:

4 maintaining in a central repository a plurality of public key values, each of the public
5 key values corresponding to one of a plurality of blade devices.

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1 23. A method comprising:

2 registering one or more capabilities with a central repository;

3 determining if a capability authorization has been received within a pre-defined timeout
4 interval;

5 if the capability authorization has been received within the timeout interval, performing
6 boot processing; and

7 if the capability authorization has not been received within the timeout interval, declining
8 to perform the boot processing.

1 24. The method of claim 23, further comprising:

2 providing a response to a challenge;

3 proceeding, if the response is correct, with boot processing; and

4 if the response is not correct, isolating from a computing domain.

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1 25. The method of claim 24, wherein:

2 providing a response further comprises decrypting a challenge value using a private key.

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1 26. The method of claim 23, wherein:

2 declining to perform the boot processing further comprise performing stand-alone boot
3 processing.

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1 27. The method of claim 23, wherein:

2 declining to perform the boot processing further comprises powering down.

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1 28. An article comprising:

2 a machine-readable storage medium having a plurality of machine accessible instructions,
3 which if executed by a machine, cause the machine to perform operations comprising:

4 registering one or more capabilities with a central repository;

5 determining if a capability authorization has been received within a pre-defined
6 timeout interval;

7 if the capability authorization has been received within the timeout interval,
8 performing boot processing; and

9 if the capability authorization has not been received within the timeout interval,
10 declining to perform the boot processing.

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1 29. The article of claim 23, further comprising:

2 a plurality of machine accessible instructions, which if executed by a machine, cause the
3 machine to perform operations comprising:

4 providing a response to a challenge;

5 proceeding, if the response is correct, with boot processing; and

6 if the response is not correct, isolating from a computing domain.

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1 30. The article of claim 24, wherein:

2 instructions that cause the machine to provide a response further comprise instructions
3 that cause the machine to decrypt a challenge value using a private key.

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1 31. The article of claim 23, wherein:

2 instructions that cause the computer to decline to perform the boot processing further
3 comprise instructions that cause the machine to perform stand-alone boot processing.

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1 32. The article of claim 23, wherein:

2 instructions that cause the computer to decline to perform the boot processing further
3 comprise instructions that cause the machine to power down.